

168 Sequence Listing.ST25.txt  
SEQUENCE LISTING

<110> Mahn, Andreas  
Hantke, Sabine  
Petsch, Dagmar

<120> Method of Increasing the Transgene-Coded Biomolecule Content in  
Organisms

<130> 4121-168

<140> US 10/500,264

<141> 2005-12-27

<150> PCT/EP02/14512

<151> 2002-12-18

<150> EP 0 113 0319.5

<151> 2001-12-19

<160> 6

<170> PatentIn version 3.3

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<212> PRT

<213> Artificial

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<223> signal polypeptide

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Lys Asp Glu Leu  
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Ser Lys Asn Pro Ile Asn  
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<212> DNA

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<223> primer

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tcccggaaac tctcctgtgc agcctctgga ttcactttca gtagctttgg aatgcactgg 180  
gttcgtcagg ctccagagaa ggggctggag tgggtcgcat atattagtag tggcagtagt 240  
accatctact atgcagacac agtgaagggc cgattcacca tctccagaga caatcccaag 300  
aacaccctgt tcctgcaaat gaccagtcta aggtctgagg acacggccat gtattactgc 360  
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ggcggttcag gcggaggtgg ctctggcggg ggcggatcgg acattgagct caccagctct 480  
ccagcaatca tgtctgcac tccaggggag aaggtcacca tgacctgcag tgccagttca 540  
agtgtgaagg acatgaactg gttccaacag aagtcaggca cctcccccaa aagatggatt 600  
tatgacacat ccaaactgtc ttctggagtc cctgctcgct tcagtggcag tgggtctggg 660  
acctcttact ctctcacaat cagcagcatg gaggtgaag atgctgccac ttattactgc 720  
cagcagtgga gtagtaatcc actcactttc ggtgctggga ccaagctgga gctgaaacgg 780  
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tag 843

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Gly Gly Ser Arg Lys Leu Ser Cys Ala Ala Ser Gly Phe Tyr Phe Ser  
20 25 30

Ser Phe Gly Met His Trp Val Arg Gln Ala Pro Glu Lys Gly Leu Glu  
35 40 45

Trp Val Ala Tyr Ile Ser Ser Gly Ser Ser Thr Ile Tyr Tyr Ala Asp  
50 55 60

Thr Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Pro Lys Asn Thr  
65 70 75 80

Leu Phe Leu Gln Met Thr Ser Leu Arg Ser Glu Asp Thr Ala Met Tyr  
85 90 95

Tyr Cys Ala Arg Asp Tyr Gly Ala Tyr Trp Gly Gln Gly Thr Thr Val  
100 105 110

Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly  
115 120 125

Gly Gly Ser Asp Ile Glu Leu Thr Gln Ser Pro Ala Ile Met Ser Ala  
130 135 140

Ser Pro Gly Glu Lys Val Thr Met Thr Cys Ser Ala Ser Ser Ser Val  
145 150 155 160

Arg Tyr Met Asn Trp Phe Gln Gln Lys Ser Gly Thr Ser Pro Lys Arg  
165 170 175

Trp Ile Tyr Asp Thr Ser Lys Leu Ser Ser Gly Val Pro Ala Arg Phe  
180 185 190

Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Ser Met  
195 200 205

Glu Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser Asn  
210 215 220

Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys Arg Ala Ala  
225 230 235 240

Ala

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